INTERNATIONAL SEARCH REPORT

International application No. /FI 2003/000797

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21H 27/38, D21H 17/69, D21H 15/12
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21H

5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	US 20010045265 A (HERBERT HOLIK), 29 November 2001 (29.11.2001), page 1, lines 0004; claims 1,7-8	1-13
		
P,Y	WO 02092910 A1 (M-REAL OYJ), 21 November 2002 (21.11.2002), page 1, line 24 - line 32; page 2, line 22 - line 23; page 2, line 33 - line 35, page 5, line 14 - line 21; claims 1; abstract	1-13
A	WO 9701670 A1 (METSÄSERLA OY), 16 January 1997 (16.01.1997)	1-13
		
		-17

X	Further documents are listed in the continuation of Box	C.	X See patent family annex.
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" "L"	cited to establish the publication date of another citation or other special reason (as specified)	"X"	considered to involve an inventive step when the document is
"P"	means document published prior to the international filing date but later than the priority date claimed	"& "	combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
Date of the actual completion of the international search 19 January 2004		Date of	of mailing of the international search report 2 3 -01- 2004

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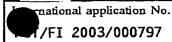
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C (Continu	nation). DOCUMENTS CONSIDERED TO BE RELEVANT	· · · · · · · · · · · · · · · · · · ·		
Category*	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.	
A	EP 1054100 A2 (VALMET CORPORATION), 22 November 2000 (22.11.2000), claim 1, abstract		1-13	
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S 20010045265	A	29/11/2001	NON	E	
02092910	A1	21/11/2002	FI	20010848 A	25/10/2002
9701670	A1	16/01/1997	AT AU CA DE DK EP SE ES FI JP NZ PT US US US US	205562 T 699733 B 6227096 A 2223955 A 69615192 D,T 835343 T 0835343 A,B 0835343 T3 2163640 T 100729 B 953238 A 11508331 T 311044 A 835343 T 6251222 B 6375794 B 6599391 B 2001000063 A	15/09/2001 10/12/1998 30/01/1997 16/01/1997 04/07/2002 12/11/2001 15/04/1998 01/02/2002 00/00/0000 30/12/1996 21/07/1999 28/07/1998 30/01/2002 26/06/2001 23/04/2002 29/07/2003 29/03/2001 04/07/2002
1054100	A2	22/11/2000	BR CA CN FI FI JP	0002189 A 2307991 A 1274028 A 105118 B 991095 D 2000345490 A	02/01/2001 12/11/2000 22/11/2000 00/00/0000 00/00/0000 12/12/2000
	0 02092910 0 9701670	0 02092910 A1 0 9701670 A1	0 02092910 A1 21/11/2002 0 9701670 A1 16/01/1997	0 02092910 A1 21/11/2002 FI 0 9701670 A1 16/01/1997 AT AU AU CA DE DK EP SE ES FI FI FI JP NZ PT US US US US US US T1054100 A2 22/11/2000 BR CA CN FI FI FI FI	0 02092910 A1 21/11/2002 FI 20010848 A 0 9701670 A1 16/01/1997 AT 205562 T AU 699733 B AU 6227096 A CA 2223955 A DE 69615192 D,T DK 835343 T EP 0835343 T EP 0835343 T3 ES 2163640 T FI 100729 B FI 953238 A JP 11508331 T NZ 311044 A PT 835343 T US 6251222 B US 6375794 B US 6599391 B US 2001000063 A US 2002084050 A 1054100 A2 22/11/2000 BR 0002189 A CA 2307991 A CN 1274028 A FI 105118 B FI 991095 D